

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/002382

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06F7/52

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 94/12928 A (UNISYS CORP) 9 June 1994 (1994-06-09) claim 1	1-7,9-11
X	----- L. DADDA: "SOME SCHEMES FOR PARALLEL MULTIPLIERS" ALTA FREQUENZA., vol. 34, no. 5, May 1965 (1965-05), pages 349-356, XP002312649 ITUFFICIO CENTRALE AEI-CEI. MILANO. figure 10 ----- -/--	1-7,9-12

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

11 January 2005

Date of mailing of the international search report

16. 06. 2005

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>L. DADDA: "SOME SCHEMES FOR FAST SERIAL INPUT MULTIPLIERS"            PROCEEDINGS OF 6TH SYMPOSIUM ON COMPUTER ARITHMETIC, 20-22 JUNE 1983, AARHUS UNIVERSITY, AARHUS, DENMARK,            22 June 1983 (1983-06-22), pages 52-59,            XP000748068            IEEE COMPUTER SOCIETY PRESS, SILVER SPRING, MD, USA            figure 9b</p> <p style="text-align: center;">-----</p>	1-7,9-12